PAST EXPERIENCE

Over the years, Elbit Systems has become an acknowledged leader in Eastern & Western platform upgrades.
Our extensive experience has resulted in deep understanding of our customers' needs.

V-22

CH-53

Puma

MiG-29

Elbit Systems Ltd. *focuses on upgrades and modernization programs that enhance air, ground and naval platforms with next-generation capabilities and extended life. Hundreds of upgraded, operational Western and Eastern aircraft, both fixed and rotary-wing, are evidence of* ***Elbit Systems****' position as one of the foremost companies in the field. Orchestrating numerous upgrades, teaming with customers all over the globe,* ***Elbit Systems****' across-the-board capabilities have made it a sought-after partner in large-scale turnkey programs. Allying with* ***Elbit Systems*** *links customers to the most advanced avionics technologies, systems expertise, and building blocks that form the basis of turnkey solutions delivering enhanced performance and operational capabilities.*

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Multi-Mission C-130 Modernization

Giant steps for the Hercules

- *Meeting the challenges of today's military and global airspace missions*
- *Operational experience - State of the art technology*
- *Cost-effective avionics suite*
- *Next generation growth potential*

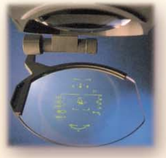
EP02-MKT-016

Multi-Mission Hercules Highlights

- *Next generation avionics suite*
- *Global airspace capabilities*
- *Structural Life Extension Progam (SLEP)*
- *Unlimited growth potential*
- *Multi sensor & defense system*
- *Precision all weather airdrop and landing missions*
- *Enhanced survivability*
- *Reduced workload*
- *Reduced cost of operation*

The next-generation avionics suite for the C-130 Hercules fuses Elbit Systems' operational experience and state-of-the-art technologies to offer the following features and capabilities:

- Full digital glass cockpit
- Dual central mission computers
- Open architecture VME rack systems
- Dual embedded GPS/INS - worldwide capability
- Eight 6"x8" multifunction color displays (MFCDs)
- Dual Head-up Displays - accurate short strip landing
- Digital map - paperless cockpit, precision airdrop capability, tactical information
- Comm/IFF/Nav units
- Data Link
- Data Transfer Unit (DTU)



- ***Maximum redundancy and integration***
- ***More safety, more situational awareness***
- ***Less workload for pilot and crew***
- ***All global airspace missions***

- ***Optional additional systems***
  - Enhanced Vision System - all-weather landing
  - Engine Indicator and Crew Alert System
  - Fuel, weight and balance calculations -extended range
  - New Autopilot
  - Enhanced Traffic Collision Avoidance System
  - Enhanced Ground Proximity Warning System
  - Night Vision capability
  - Weather RADAR

- ***Enhanced operational capabilities***
  - Precision strip landing
  - Accurate airdrop
  - Weight and balance calculations
  - Every mission, All-weather day and night
  - Efficient Search & Rescue
  - Increased survivability
- ***Special missions growth potential***
  - Sensors-IR,Laser,
  - EW - Chaff & Flare
  - Helmet Mounted Display
  - Hands-On command
- ***Services***
  - Training
  - Logistics
- ***Additional Modifications***
  - Reduced cockpit weight
  - Advanced air conditioning system
  - New power units
  - Improved fuel monitoring